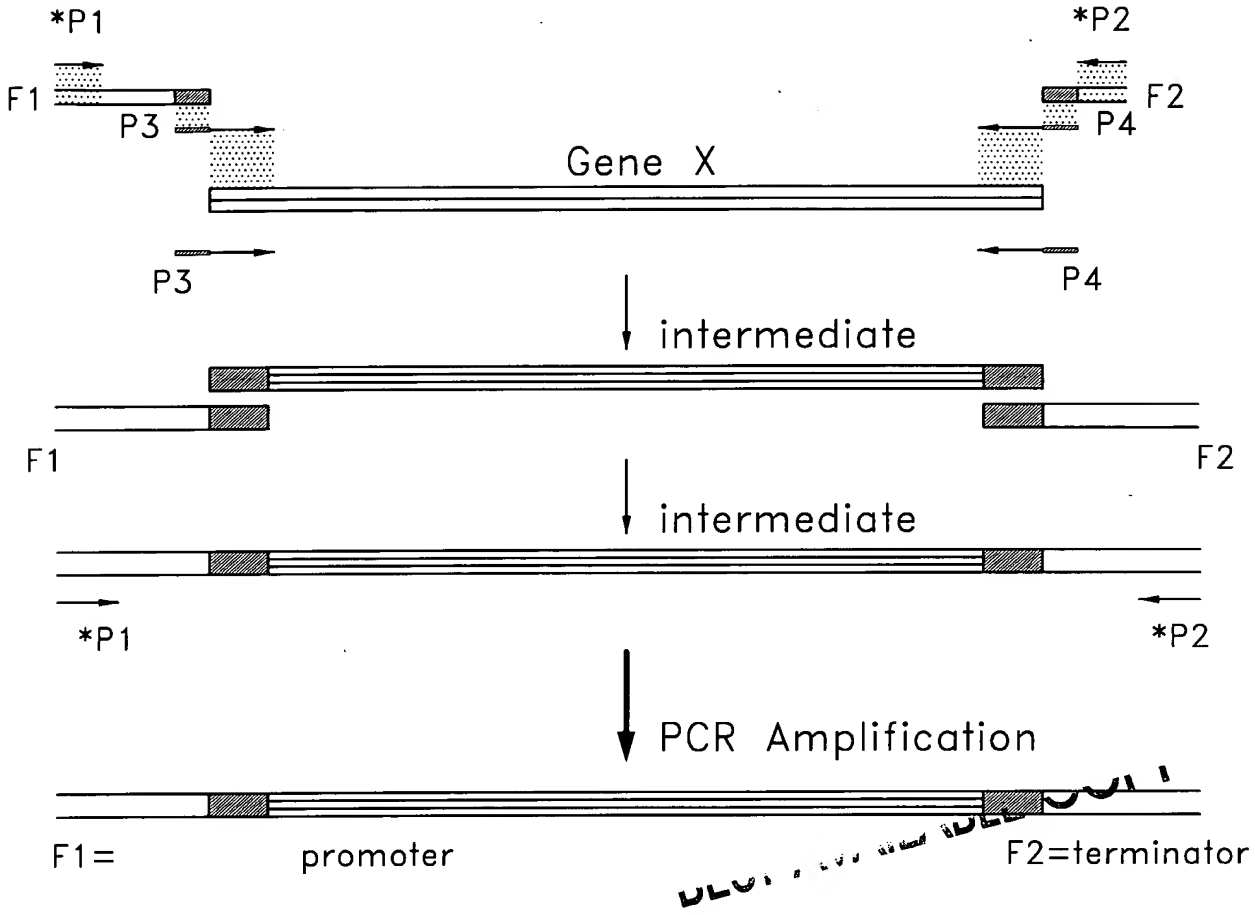


* in excess amount

FIG.1

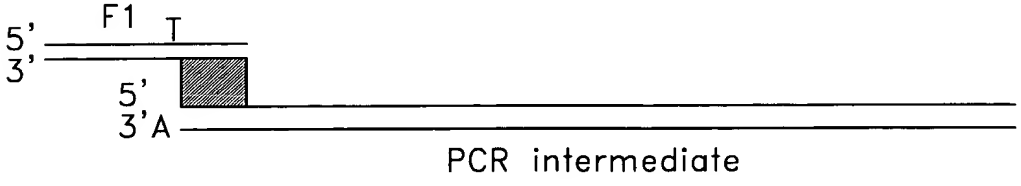


FIG.2

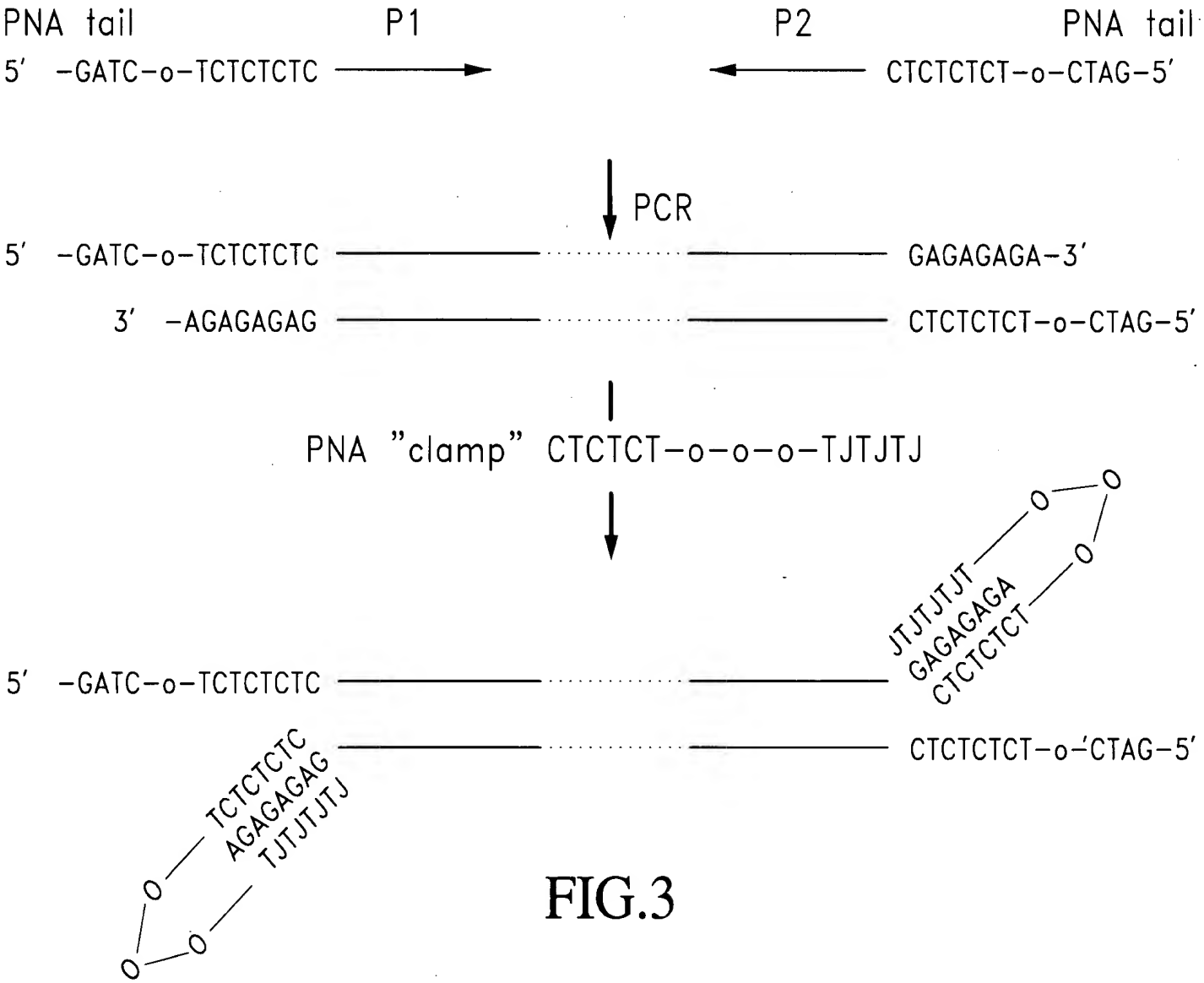

PNA tail
P1
P2
PNA tail
5' -GATC-o-TCTCTCTC
CTCTCTCT-o-CTAG-5'
PCR
5' -GATC-o-TCTCTCTC
GAGAGAGA-3'
3' -AGAGAGAG
CTCTCTCT-o-CTAG-5'
PNA "clamp" CTCTCT-o-o-o-TJTJTJ
JTJTJTJT
GAGAGAGA
CTCTCTCT
5' -GATC-o-TCTCTCTC
CTCTCTCT-o-'CTAG-5'
TCTCTCTC
AGAGAGAG
TJTJTJTJ

FIG.3

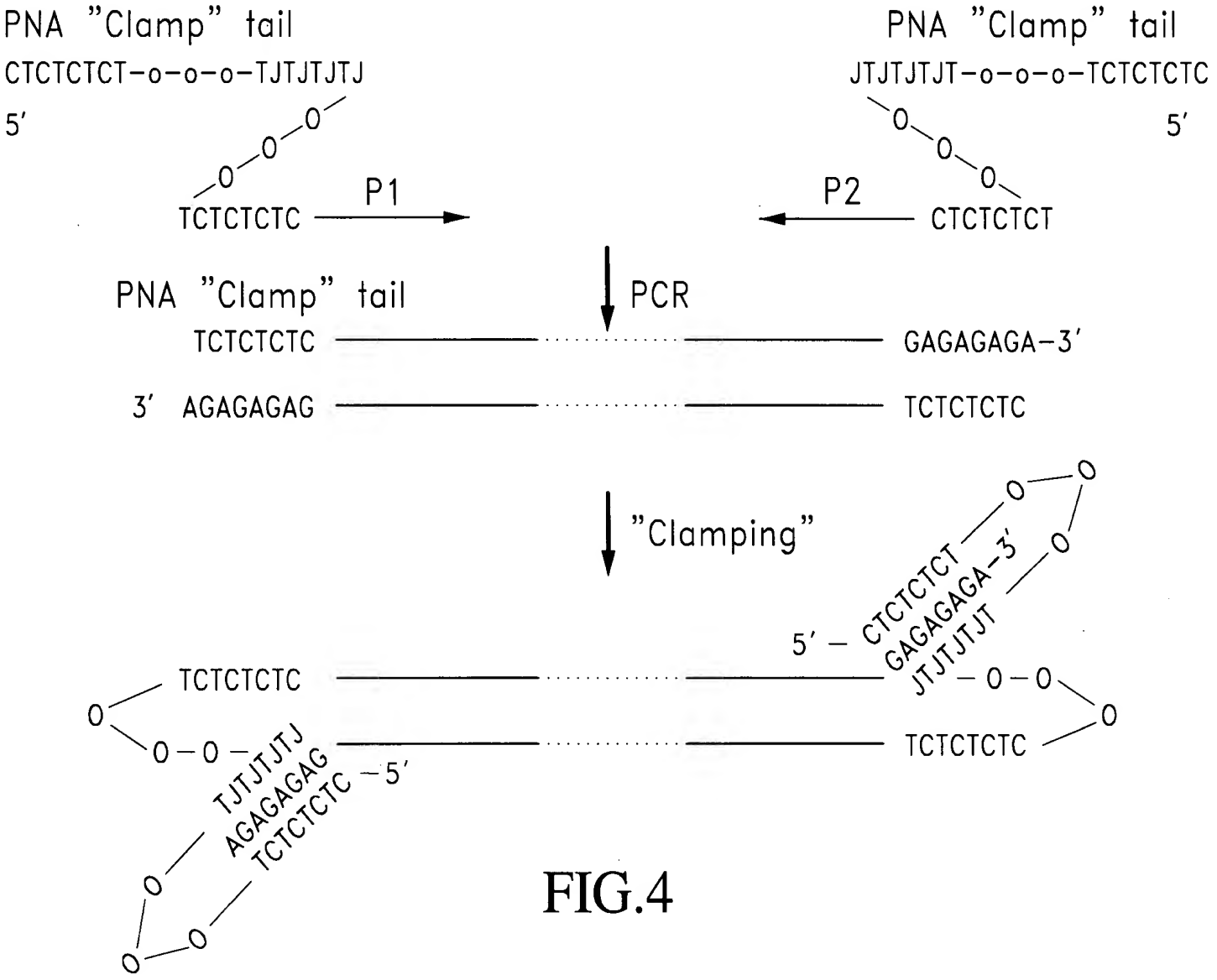
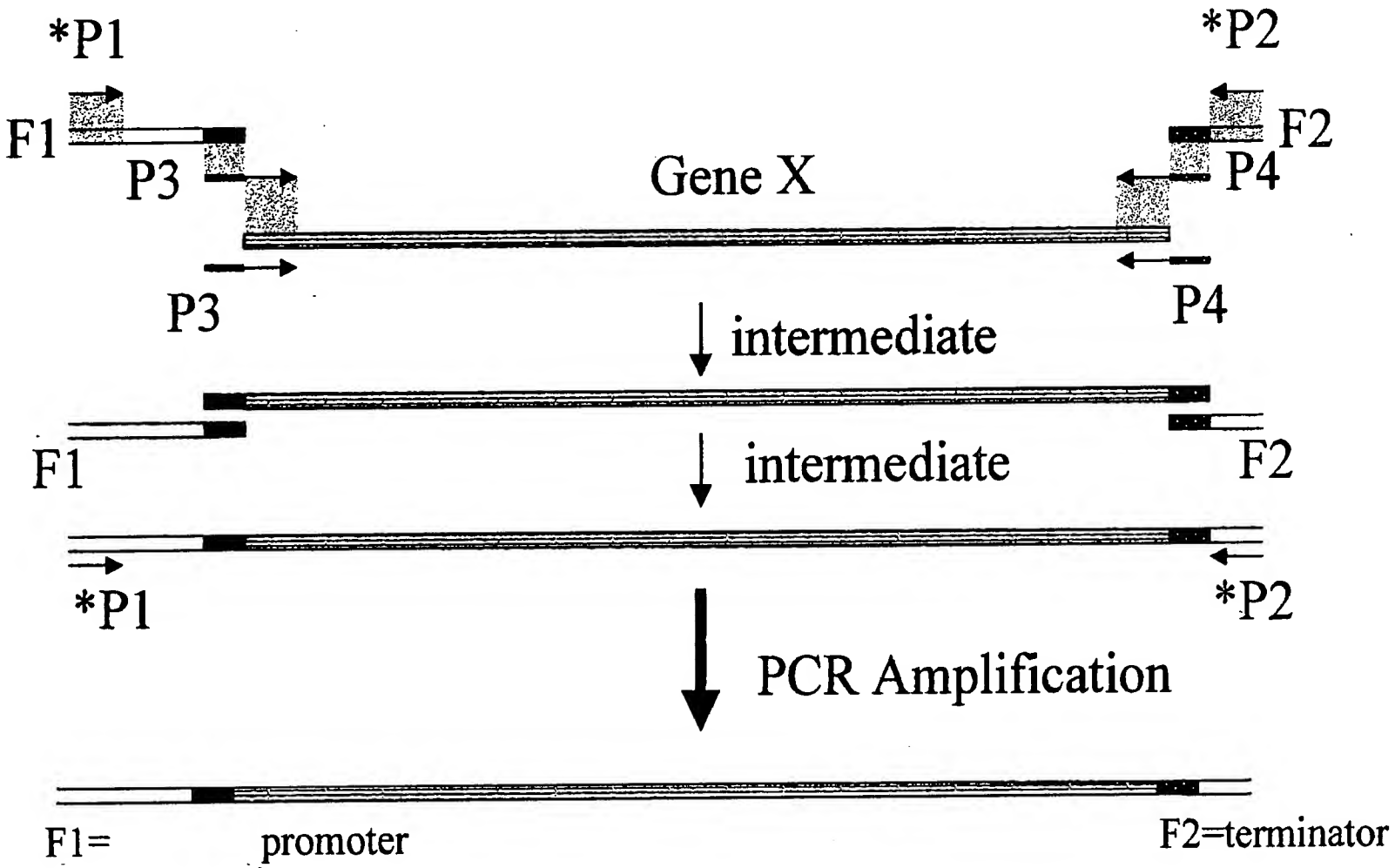

PNA "Clamp" tail
CTCTCTCT-o-o-o-TJTJTJTJ
5'
TCTCTCTC
P1
PNA "Clamp" tail
JTJTJTJT-o-o-o-TCTCTCTC
5'
P2
CTCTCTCT
PCR
PNA "Clamp" tail
TCTCTCTC
GAGAGAGA-3'
3' AGAGAGAG
TCTCTCTC
"Clamping"
5' – CTCTCTCT
GAGAGAGA-3'
JTJTJTJT
TCTCTCTC
TCTCTCTC
TJTJTJTJ
AGAGAGAG
TCTCTCTC –5'

FIG.4

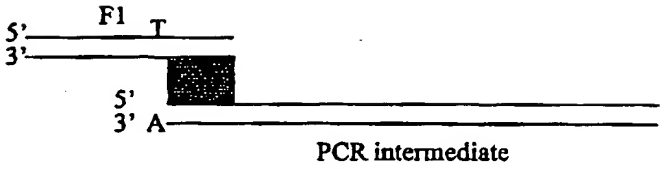
FIG. 1



* in excess amount

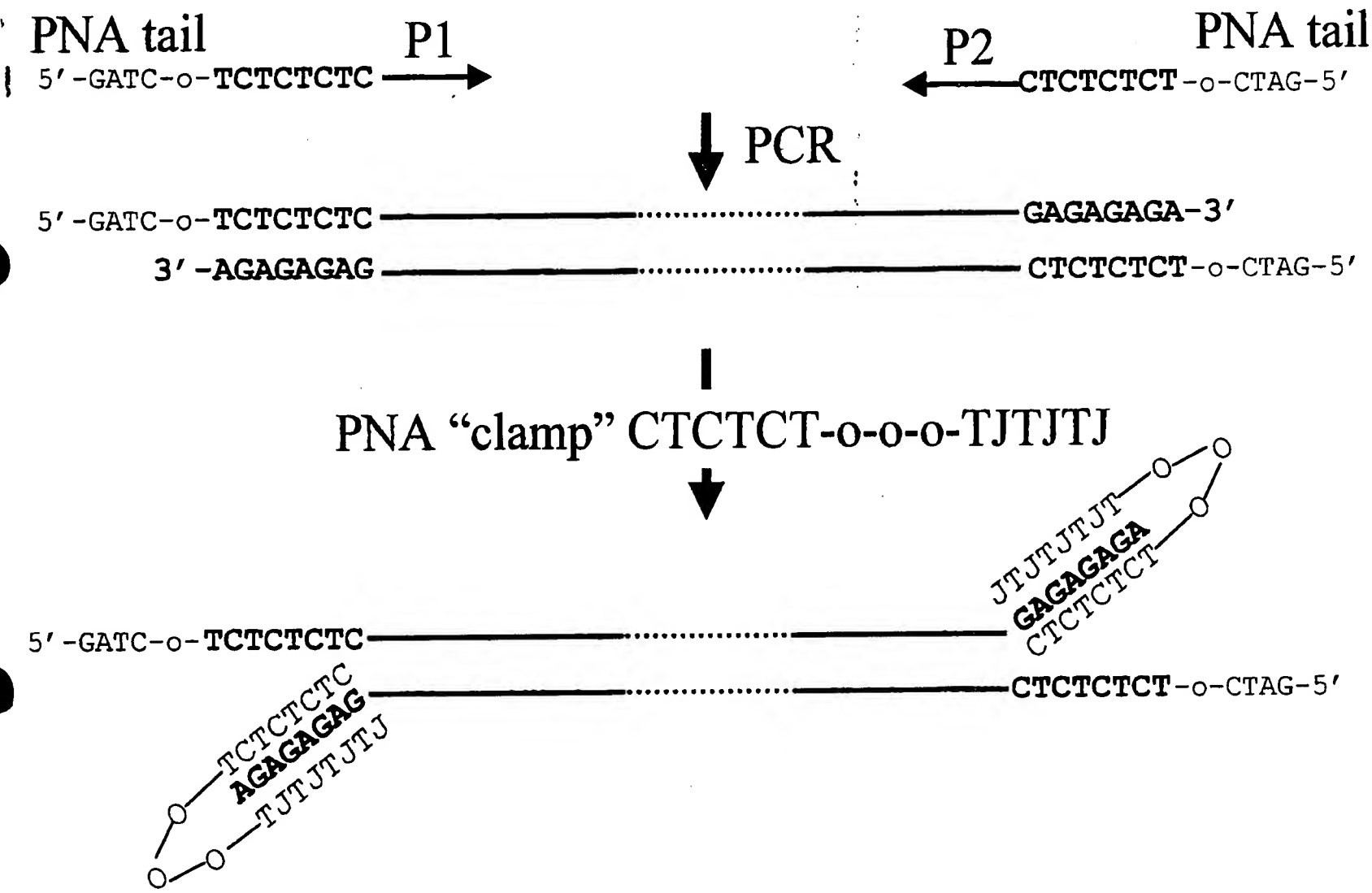
09535262 .032300

FIG. 2



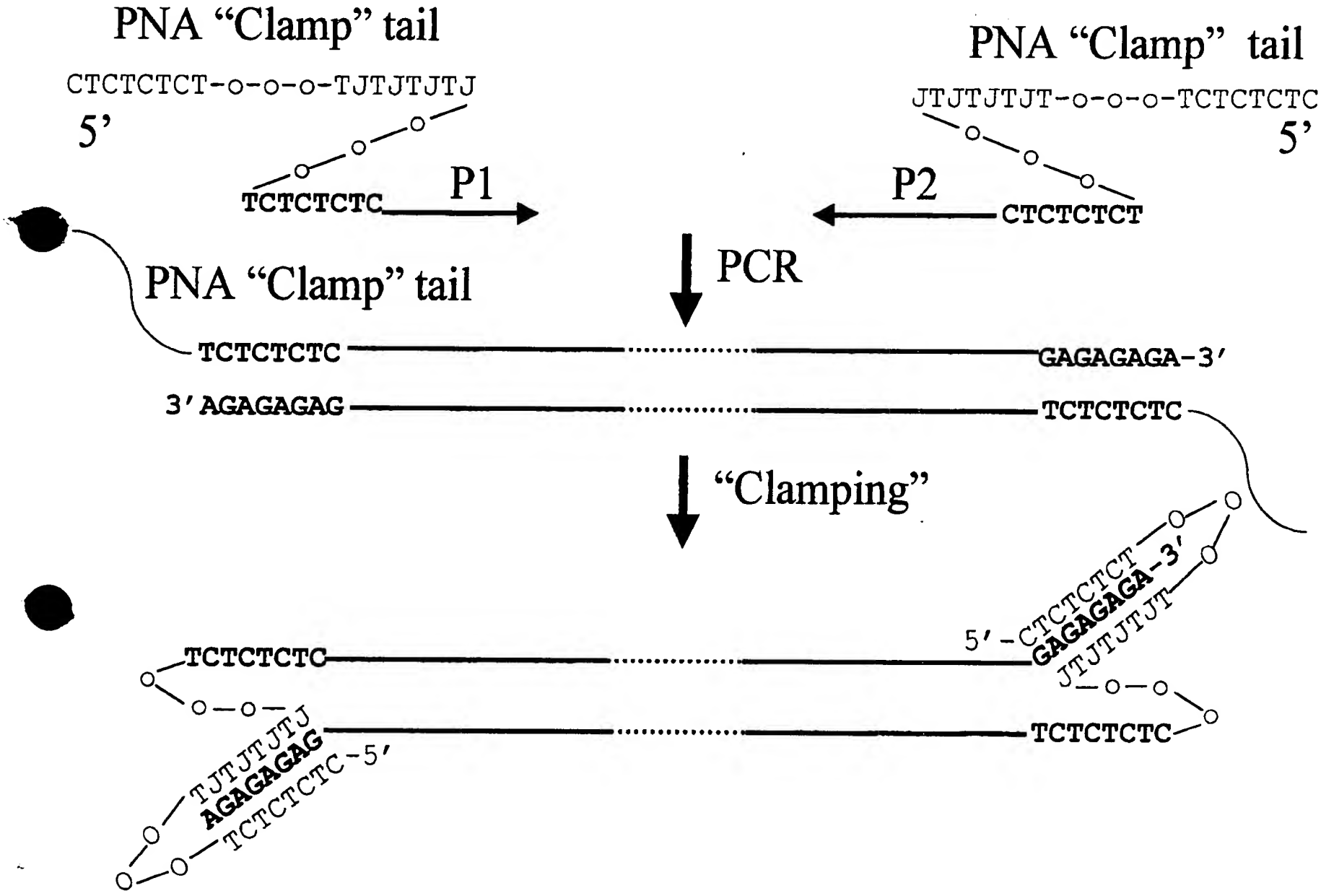
PCR intermediate

FIG. 3



09535262 .032300

FIG. 4



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